DEC 23 2004

PTO/SB/21 (09-04) (AW 10/2004)
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TRANSMITTAL FORM

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Total Number of Pages in This Submission 4 +10 references

Application Number	10/715,996
Filing Date	November 18, 2003
First Named Inventor	Deborah M. Grove
Art Unit	2644
Examiner Name	Daniel R. Sellers
Attorney Docket No.	ZMC-104US

ENCLOSURES *(Check all that apply)*

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/Declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
 - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation, Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) ____
 - ☐ Landscape Table on CD
- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below): Copies of 10 cited references

Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm Name	RatnerPrestia		
Signature			
Printed Name	Kenneth N. Nigon		
Date	December 21, 2004	*Registration No.*	31,549

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	Tonya M Berger		
Typed or Printed Name	Tonya M. Berger	*Date*	December 21, 2004

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DEC 2 3 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:	10/715,996
Applicant:	Deborah M. Grove
Filed:	November 18, 2003
Title:	ELECTRONIC STETHOSCOPE MEASUREMENT SYSTEM AND METHOD
TC/A.U.:	2644
Examiner:	Daniel R. Sellers
Confirmation No.:	4881
Docket No.:	ZMC-104US

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the references listed on the 1449 form is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application or before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

Kenneth N. Nigon, Reg. No. 31,549
Attorney(s) for Applicant(s)

KNN/tmb

Enclosures: PTO Form 1449
(10) References
Transmittal Form

Dated: December 21, 2004

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

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December 21, 2004

Tonya M. Berger

DEC 2 3 2004

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Substitute for Form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 1

Complete if Known	
Application Number	10/715,996
Filing Date	November 18, 2003
First Named Inventor	Deborah M. Grove
Art Unit	2644
Examiner Name	Daniel R. Sellers
Attorney Docket No.	ZMC-104US

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
	1	DALE GROOM M.D. ET AL., The Effect of Background Noise on Cardiac Auscultation, The American Heart Journal, November 1956, pp. 781-790, Volume 53, Number 5.	☐
	2	JOHN R. KINDIG, M.D. ET AL., Acoustical performance of the stethoscope: A comparative analysis, The American Heart Journal, August 1982, pp. 269-275, Volume 104, Number 2, Part 1, The C.V. Mosby Co.	☐
	3	K. E. LATIMER, The Calibration of Stethoscopes and Phonocardiographic Microphones, Proc. 3rd World and 9th Europ. Congr. Ballistocard. and Cardiovasc. Dynamics, Sofia 1973. Bibl. cardiol. 33: 87-90.	☐
	4	PAUL Y. ERTEL ET AL., Stethoscope Acoustics and the Engineer: Concepts and Problems, Journal of the Audio Engineering Society, March 1971, pp. 182-186, Volume 19, Number 3.	☐
	5	MAURICE B. RAPPAPORT ET AL., The Effects of Tubing Bore on Stethoscope Efficiency, The American Heart Journal, June 11, 1951, pp. 605-609.	☐
	6	MAURICE B. RAPPAPORT ET AL., Physiologic and Physical Laws that Govern Auscultation, and Their Clinical Application, The American Heart Journal, March, 1941, pp. 257-318, Volume 21, No. 3.	☐
	7	T. J. ROYSTON ET AL., Excitation and propagation of surface waves on viscoelastic half-space with application to medical diagnosis, Journal of Acoustical Society of America, December 1999, pp. 3678-3686, 106(6).	☐
	8	T. J. ROYSTON ET AL., Modeling sound transmission through the pulmonary system and chest with application to diagnosis of a collapsed lung, Journal of Acoustical Society of America, April 2002, pp. 1931-1946, 111(4).	☐
	9	VASANT PADMANABHAN ET AL., Accelerometer Type Cardiac Transducer for Detection of Low-Level Heart Sounds, IEEE Transactions on Biomedical Engineering, January 1993, pp. 21-28, Vol. 40, No. 1.	☐
	10	MANUEL ABELLA ET AL., Comparison of the acoustic properties of six popular stethoscopes, The Journal of Acoustical Society of America, April 1992, pp. 2224-2228, 91(4) Pt. 1.	☐
			☐
			☐
			☐
			☐

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

[1]Applicant's unique citation designation number (optional).

[2]Applicant is to place a check mark here if English language translation is attached.

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